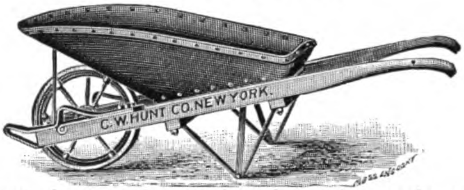
"ALLEN" SPRING BARROW.

ALL SIZES KEPT IN STOCK.


C. W. HUNT CO. NEW YORK.

In the "ALLEN" BARROW we have endeavored to have the workmanship and materials of unexceptionable quality. It is not intended to compete with the many forms in the market, but is made for those who wish the very best quality and workmanship. It is especially formed for dumping easily. When dumping from a plank run the workman holds one handle at the ordinary height and raises the other slightly, when the barrow rolls over on the end of the handle, emptying most of the load, then a very slight raising of the handles throws out the slight remainder.

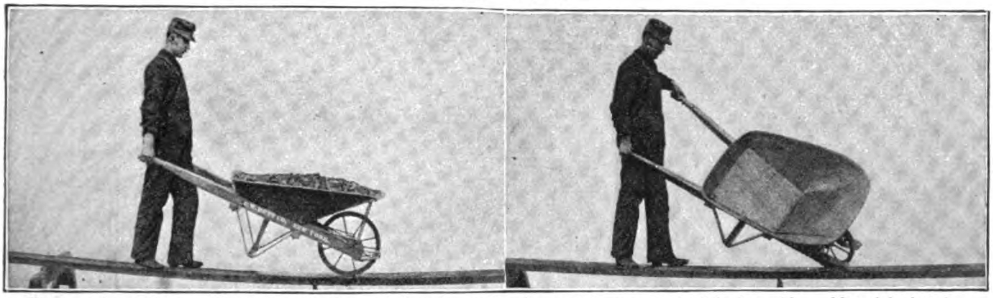
The springs under the bearings of the wheel make this barrow much easier to handle, as it runs over irregularities of the runways without violent shocks to either the workman or the load. The wheel is of a new and improved form, 17 inches in diameter, with wrought iron tire, spokes and axle. The axle has lathe turned bearings that run in the springs attached to the wooden handles. These springs are of the best quality of spring steel, and heavy enough to stand the roughest usage. In wheeling over rough places their effect is magical. The tray is made of steel, bottom No 12 gauge, sides No. 14, with band to strengthen the edge. A support is placed across the center of the bottom that adds greatly to the durability of the tray. The form of the tray was obtained by putting the coal in a tray too large, wheeling it over a rough pavement, then making the tray to correspond with the actual position assumed by the coal. When this barrow is filled it does not spill over the front in wheeling. The handles of this barrow are made of wood in preference to iron, because the same strength can be obtained with less weight, it is more convenient for the workmen, and can be more easily repaired in case of accident.

We give below a table of the regular sizes of these wheelbarrows which we keep in stock, together with the capacity in cubic feet, the weight of the barrow, the weight on the hands, both when empty and when loaded with coal. The weight of the barrow is increased slightly on account of the heavier bottom, the crossbar under the center of the tray, and the angle iron crosspiece between the legs, but these add greatly to the durability and convenience of the barrow.

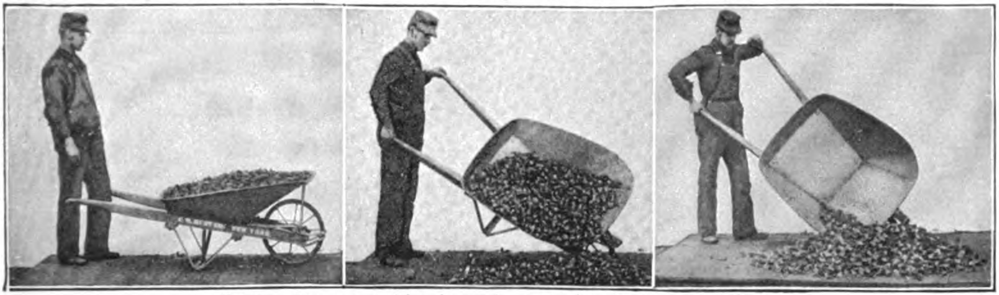
The engravings show the actual position assumed by the workman in handling these barrows, and a comparison of these with the positions assumed in dumping the ordinary barrows will at once show the great advantages they have over the ordinary wheelbarrows in the market. It is evident that only a very slight muscular exertion is needed for the dumping. This comes from making them of exactly the right shape, and not modifying them to make the sheet steel and other materials cut to "better advantage," or to slightly lessen the cost or make them "just as good."

Six regular sizes are made. The number of the barrow is the number of pounds of coal it carries.

These engravings are made from instantaneous photographs, and show the exact position of the workman in wheeling and in dumping.



Exact position of the workman in wheeling and dumping anthracite coal, from a plank 12 inches wide. Materials that do not run, require the handles raised to the position shown in the engravings below.



Exact position assumed by the workman, in dumping on a level floor.

PRICE LIST "ALLEN" SPRING WHEELBARROW.

No. of Barrow	Pounds of Coal.	Cubic feet.	Weight of Barrow.	Extreme width of the tray.	Weight on handles empty.	Weight on handle when loaded with Coal.	Price.
185	185	3½	124 lbs.	36 inches.	26 lbs.	78	$15 50
225	225	4½	126 "	37 "	26½ "	85	16 25
275	275	5⅓	134 "	39 "	26½ "	92	17 00
325	325	6	136 "	41 "	27 "	98	18 00
375	375	7	139 "	43 "	27½ "	105	19 00
450	450	8½	148 "	44 "	27 "	110	20 00

The 225 size is the one generally used in loading vessels from coal shipping wharves, ten loads making one gross ton.

The large size barrows are more suitable for handling lighter materials, such as tan bark, sawdust, etc. Every part is made to a templet so that they are exact duplicates in every respect.

Discount............